

CORRESP. CONTROL  
OUTGOING LETTER4700.1  
94-RF-11188**EG&G ROCKY FLATS**

EG&amp;G ROCKY FLATS, INC.

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F. Collins	X X
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J.A. Ledford	X X
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CORRESP. CONTROL	X X
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## CLASSIFICATION:

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## AUTHORIZED CLASSIFIER

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## DOCUMENT CLASSIFICATION

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IN REPLY TO RFP CC NO:

## ACTION ITEM STATUS

PARTIAL/OPEN

CLOSED

TR APPROVALS:

ORIG. &amp; TYPIST INITIALS

December 14, 1994

94-RF-11188

F. R. Lockhart  
Environmental Restoration Division  
DOE, RFFO

## EVOLUTION OF TREATMENT UNITS DESIGNS - SRK-219-94

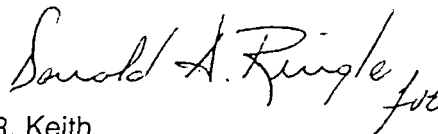
Action: None

Our last meeting on the design approach to treatment units for the Solar Ponds remediation waste was on August 21, 1994. Since then we have completed the first design deliverable, a white paper on sludge treatment, and are about to revise the subcontract for conceptual design and supporting treatability studies. The change of these subcontracts represents an important commitment to the chosen path-forward. This letter transmits the current basis for the conceptual designs for sludge and pondcrete treatment.

Our pre-conceptual design has been evolving during this period. There have been two important changes. First, the inclusion of pondcrete in the remediation wastes to be dispositioned under the cap will save the cost of off-site disposal. Secondly, the elimination of contaminated Operable Unit 4 (OU 4) soil from the planned treatment process recipe will decrease processing complexity. Eliminating contaminated soil from the process recipe was not under active consideration when we last met. A revised treatment process description (originally transmitted in 94-RF-08904) is attached. For your convenience, the changes are noted in strike-out and italics fonts.

Recently, we heard informally that the State might be interested in a treatment process that would produce construction-grade material. Such a process would be very similar to an alternative we rejected (alternative process a). We considered the informal comment, as described in the attachment, and recommend no change.

If you would like to discuss the design further, please contact Andy Ledford, extension 8673, or Tom Beckman, extension 8725.



S. R. Keith  
Program Manager  
Solar Pond Projects  
EG&G Rocky Flats, Inc.

KCL:pjm

Orig. and 1 cc - F. R. Lockhart

Attachments:

As Stated (2)

CC:

S. Howard - DOE, RFFO  
M. Witherill - " "

A-OU04-000760